

Title (en)

DEVICE FOR MONITORING THE VACUUM QUALITY OF A VACUUM CIRCUIT BREAKER

Title (de)

VORRICHTUNG ZUR ÜBERWACHUNG DER VAKUUMQUALITÄT EINES VAKUUMSCHALTERS

Title (fr)

DISPOSITIF SURVEILLANCE DE LA QUALITÉ DU VIDE D'UN DISJONCTEUR À VIDE

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Application

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Priority

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Abstract (en)

[origin: WO2016046091A2] The invention relates to a device for monitoring the vacuum quality of a vacuum circuit breaker, characterised in that it comprises: at least one rigid assembly (2) consisting of a first stationary conductive surface (4) that is separated by an insulating layer (30) from a second stationary conductive surface (10) that is earthed, said assembly (2) forming a first capacitor (32) having a set value, the first stationary conductive surface (4) being arranged opposite an electrically active portion (18) of the vacuum circuit breaker in order to form, together with said portion, a second capacitor (34), and an electronic circuit for measuring a variation in voltage of the first capacitor (32) that is representative of a change in state of the vacuum of the circuit breaker.

IPC 8 full level

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